NEW UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	DOCKET NO: UCA110005000 Total Pages in this Submission: 43
Priority	
20. Priority - 35 USC 119	
21. Priority - 35 USC 120 Amend the specification by inserting before the first line the following sentence: This is a	
Continuation Continuation Copending application(s) Serial Number 09/432,328 Filed: November 2,1	No. U.S. 184. No. (,395,220 999. Which designated the U.S.*
Inventorship Statement	



invotroship
With respect to the prior coperating U.S. application from which this application claims benefit under 35 USC
120, the inventorship in this application is fore)

the same
this application is the prior application and it is requested that the following inventor(s) identified above for the prior application be detected.

-DETTOR

Carbon Fiber Binder Pitch

Background Of The Invention

1. Field of the Invention

This invention relates to a composition for and method of making a binder pitch for manufacturing carbon bodies having a substantially homogenous 5 distribution of randomly oriented carbon fibers. The resultant graphite bodies made using the novel binder pitch of the present invention have a desirably lower transverse and longitudinal coefficient of thermal expansion than conventionally made graphite bodies.

2. Description of Related Art

The use of carbon fibers as a filler with pitch as a binder is well known in the at in manufacturing carbon bodies, e.g., graphite electrodes, having a reduced coefficient of themal expansion (CTE.) Typically, action bodies having a low CTE are made by admixing an oriented needle-like coke with a thermoplastic are made by admixing an oriented needle-like coke with a thermoplastic are made by admixing an oriented needle-like coke with a thermoplastic are made by admixing an oriented needle-like coke with a thermoplastic are made by admixing an oriented needle-like coke with a thermoplastic are made by admixing an oriented needle-like coke with a thermoplastic are made by admixing an oriented needle-like coke with a thermoplastic production and the resulting intervention of the particular production of the produc

British Patent No. 1,526,809 to Singer et al. discloses an extruded carbon article prepared using 50% to 80% of oriented fibers made from mesophase pitch and 20% to 50% of a thermoplastic carbonizable binder. The resulting carbon article had a reduced longitudinal (with-grain) coefficient of thermal expansion.

U.S. Patent No. 4,998,709 to Griffin et al. discloses a method of making graphite electrode inplies using carbon filters derived from mesophase pitch added to blends of coke and pitch to produce an electrode pinstock. The invention adds from 8 to 20% of mesophase pitch based carbon filters to 65% premium coke and 22 to 28% of a hinder to form an exrusion blend and extruding to form a pinstock.